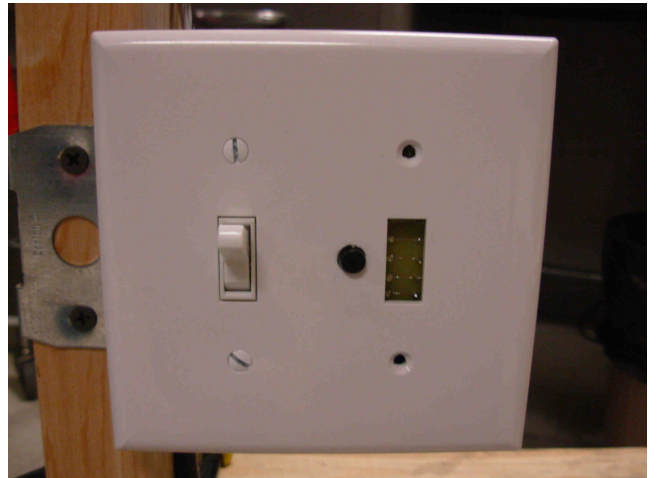
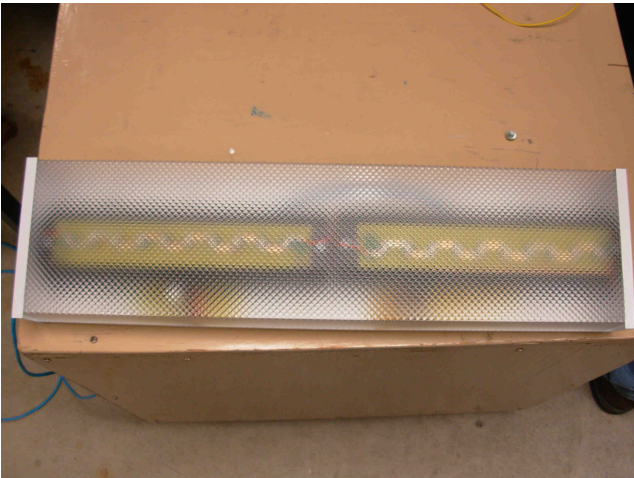


High Brightness LED Lighting Fixture

User's Manual





Read This First

TO REMOVE PLASTIC DIFFUSER
PRESS PLASTIC DOWN GENTLY WITH THUMB AND SLIDE
PLASTIC TOWARDS END OF FIXTURE
THEN PULL ON THE OTHER END

Getting Started

Box Includes:

- 1 - 2 Ft. LED Light Fixture with Diffuser
- 1 - LED Dimmer Switch with Intensity Level Indicators
- 1 - Face plate for Dimmer Switch
- 4 - Face plate Screws
- 4 - Mounting Screws
- 3 - Wire Nuts

Assembly Instructions

1. Preparing for installation

- A. **Disconnect electrical power** before installing or servicing any part of this fixture

2. To remove / install diffuser

- A. Push gently on the diffuser near the end shown in figure 1, and slide the diffuser under the clip mounted in the end cap.
- B. Pull the opposite end of the diffuser out of the fixture to remove.
- C. To reinstall diffuser, repeat step 2A. Lift diffuser into position, gently press sides and slide towards opposite end cap.

3. Mounting the Fixture

- A. Holding the fixture to the ceiling with power supply knockout located over the entryway for the power supply and dimmer switch wire (Junction Box). Mark the locations of the mounting holes on the ceiling (Figure 1). Take the fixture down and using a stud finder or, by punching a small hole into the ceiling at each location using a nail or awl to see if there is a wood joist. If there is a joist use suitable wood screws (included) to mount the fixture. Where there is no joist to screw into use a toggle bolt (not included) of suitable length to mount fixture securely to the ceiling. Proceed to step B before final mounting
- B. Feed the black and white supply wires and Ethernet wire into to the fixture through the open knockout hole. At this time you can finish mounting the fixture to the ceiling.

4. Wiring the Fixture

- All wiring must take the place inside the junction box**

Caution: Make sure the power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power wires are within 3 inches of heat sinks use wire suitable for 90° C

NOTE: Most households built before 1985 have supply wiring rated to 60° C. Consult a qualified electrician before installing.

A. Using wire connectors (included) connect the white supply wire to the white fixture lead. Connect the black hot supply wire to the black fixture lead.

Do not mix Wires. Pull on wire lead to make sure that connections are secure. Make certain that no bare wires are exposed outside of wire connectors.

B. Make certain to properly terminate Ethernet cable following proper color code (Figures 2 and 3). And attach to proper connector near the center of the fixture.

C. Reinstall Diffuser.

5. Switch installation

A. Using Wire connector at the switch location connect the black hot supply wires together using wire connector. Connect the white supply wire to one binding screw on the side of the switch. Connect the white wire running from the fixture to the other binding screw on the switch.

Make sure that no bare wires can contact.

B. Wire the dimmer the same as in the previous step (Figure 3). Connect RJ-45 connector to jack on the dimmer panel.

C. Make sure all wires are securely attached.

D. Install face plate on to switch using supplied screws

6. **Power to the Fixture can now be restored.**

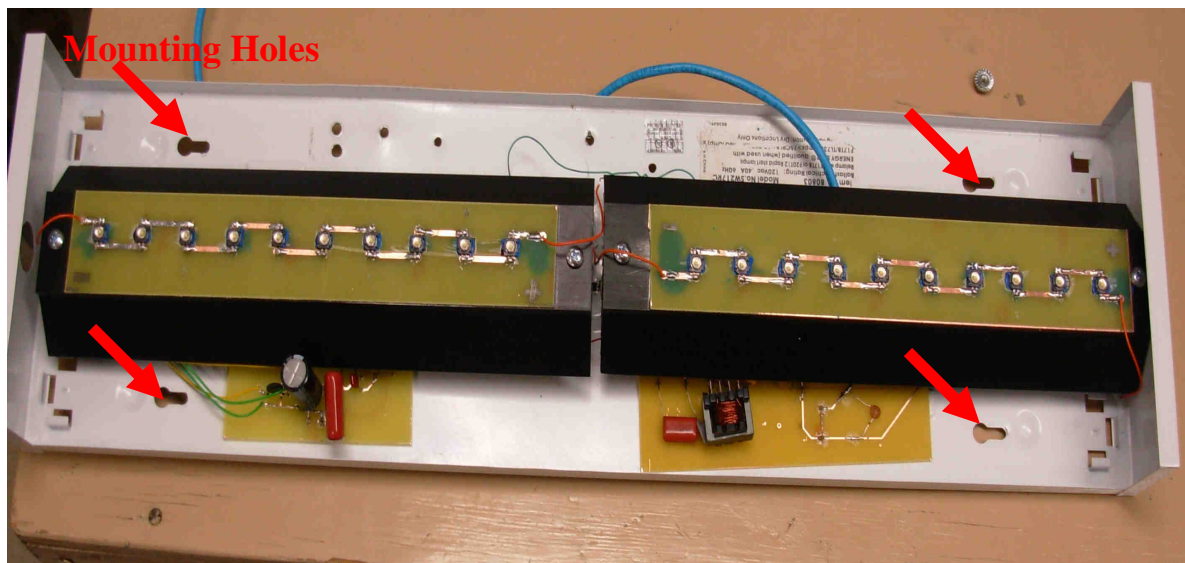


Figure 1



Figure 2

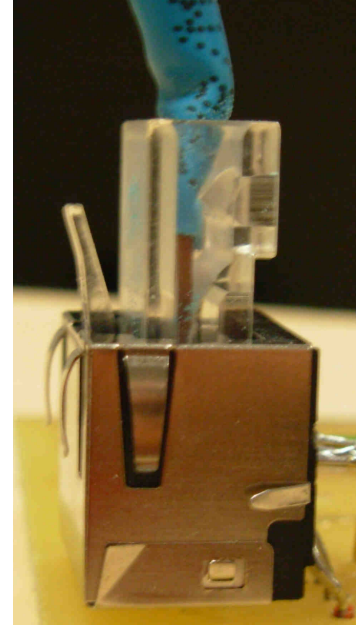


Figure 3

Trouble Shooting

No light output

1. Press the button on the switch – if no indicator lights lit
 - a. Check connections of Ethernet wire
2. Check Connections of Switch
 - a. Tighten down screws
3. Make sure Power is being supplied to switch
 - a. Check to make sure fuse or circuit breaker is ON
4. Fixture may be defective contact manufacture for more support

No indicator Lights – But Light is ON

1. Check RJ-45 Jack termination for non-connected wires on both ends
 - a. Re terminate Ethernet connection
2. Switch may be defective contact manufacture for more support

Specifications

Technical Specifications

- **Power:** 70W
- **Voltage:** 120V
- **Frequency:** 60Hz
- **Type of LED's:** Luxeon K2 Emitter 3W/100Lumen
- **Lifetime of LED's:** 50,000 hours
- **Max Length of Ethernet:** 100 meters

Dimensions and Weight

- **Product Dimensions:** 24.75x6.63x2.38 (LxWxD) inches
- **Product Weight:** 1.59kg